

### Summary:

Wrapped with a re-coatable polyolefin vinyl surface Morland T&G panels act as a water vapour barrier. Tested to EN ISO 12572, the product achieves a mean vapour permeability of 0.35 g/m<sup>2</sup>/day.

Morland Water Vapour Barrier T & G Panels only needs one coat of paint for a perfect finish. The vinyl is primed to allow paint to adhere and also prevents coarse fibers in the board from being visible.

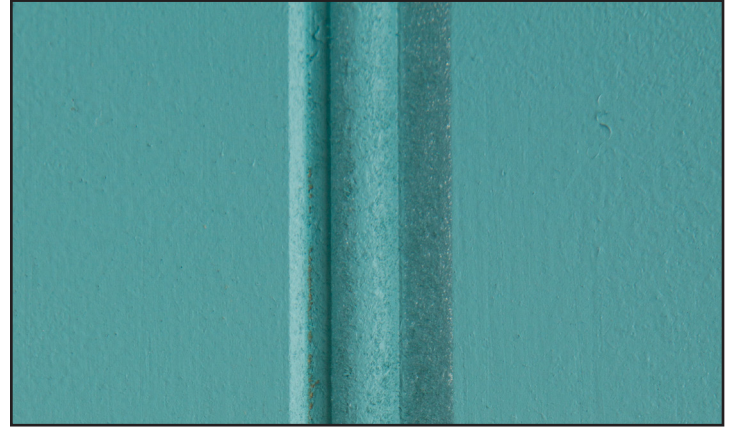
The panel is optimised to 600mm centres. The “secret fix” tongue and groove joints allow for a defect free face as fixing pins are hidden.

### Key benefits:

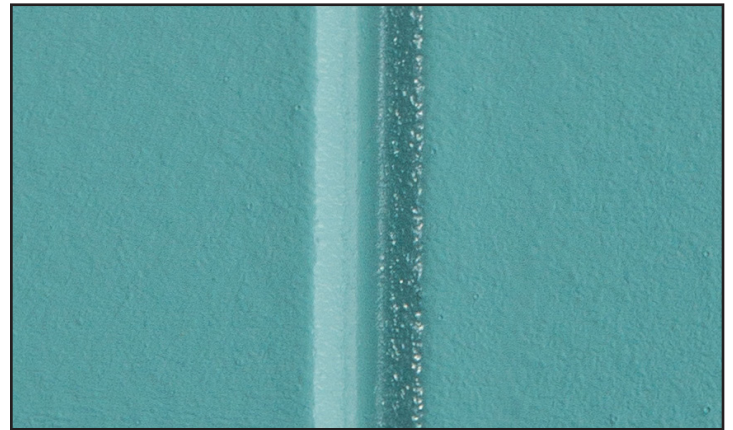
- Foil face acts as a water vapour barrier.
- Defect free finish with no MDF fibre lift.
- 50% less paint than primed MDF.
- Quick to install and finish.
- Available smooth or woodgrain texture.
- FSC® - Available on request

### Applications for interior use:

- Wall Panelling.
- Ceiling Panelling.



When painted, primed MDF T&G soaks up liquid, lifting the materials fibres, creating unsightly, rough painted finishes.



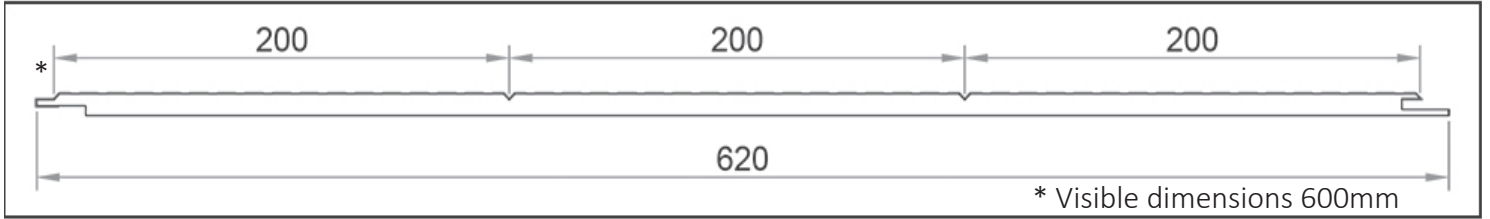
Morland’s paint-ready tongue and groove wrapping produces a water vapour barrier, preventing liquid ingress when painted, providing a perfectly smooth surface for a beautiful lustrous finish.

### Specification Details:

Core thickness (mm)	9	12
Dimensions (mm)	2440x620 or 3050x620	
Tolerance- Thickness- Width (mm)	EN324-1 (+/- 0.2 (12mm))	
Polyolefin Vinyl Face	0.15mm Thick	
Water Vapour Transfer	0.35 g/m <sup>2</sup> /day	
Average Density	700Kg per/m <sup>3</sup> (+/- 10%) (12mm)	
Core Manufactured Standard	EN622-5	
Core Property	MR-MDF	
Formaldehyde Release	Class E1	
Moisture Content	EN322 (5-9%)	
Certification	FSC® - Available on request	
EUTR Status	Compliant - Sourced within the EU	
CE Marked	No	
Material Safety Data Sheet	Available on request	



**Dimensions:**



**Characteristics:**

Morland water vapour barrier tongue and groove panelling has a tough, perfectly smooth, tactile surface with no MDF fibre show or imperfections. It provides an ideal base for decoration, requiring 50% less paint\* to produce a superior finish. In addition, it is hard wearing making it ideal for high traffic areas once the correct paint has been applied.

\*Paint usage figures independently tested by Concept Finishing - Compared to raw MDF competitors. Subject to sampling. Please refer to paint manufacturers recommendations.

Foil Type:	Laminate (Decor) Thickness	Applications:
Polyolefin	0.15mm > 0.5mm	Suitable for vertical surfaces or light horizontal use dependent on paint ( <i>Please refer to paint manufacturers' specifications</i> ).

**Machining:**

MDF is a dense material so we recommend the use of Tungsten Carbide Tipped tools to reduce wear and improve finish. The core of the panel is moisture resistant MDF and appropriate safety measures should be in place when machining. Please ensure there is adequate ventilation and we would recommend the use of face mask and goggles. For further information and advice please visit our website at [www.morland-uk.com](http://www.morland-uk.com).

**Painting:**

The surface finish does not require sanding or priming and is designed to accept most commercially available types of paint. Morland strongly recommend that the selected paint is tested on a small area of the panel prior to final finishing.

**Cleaning & Maintenance:**

Cleaning and maintenance are dependent on the paint finish. Please refer to the paint manufacturers guidelines.